

FIG. 1

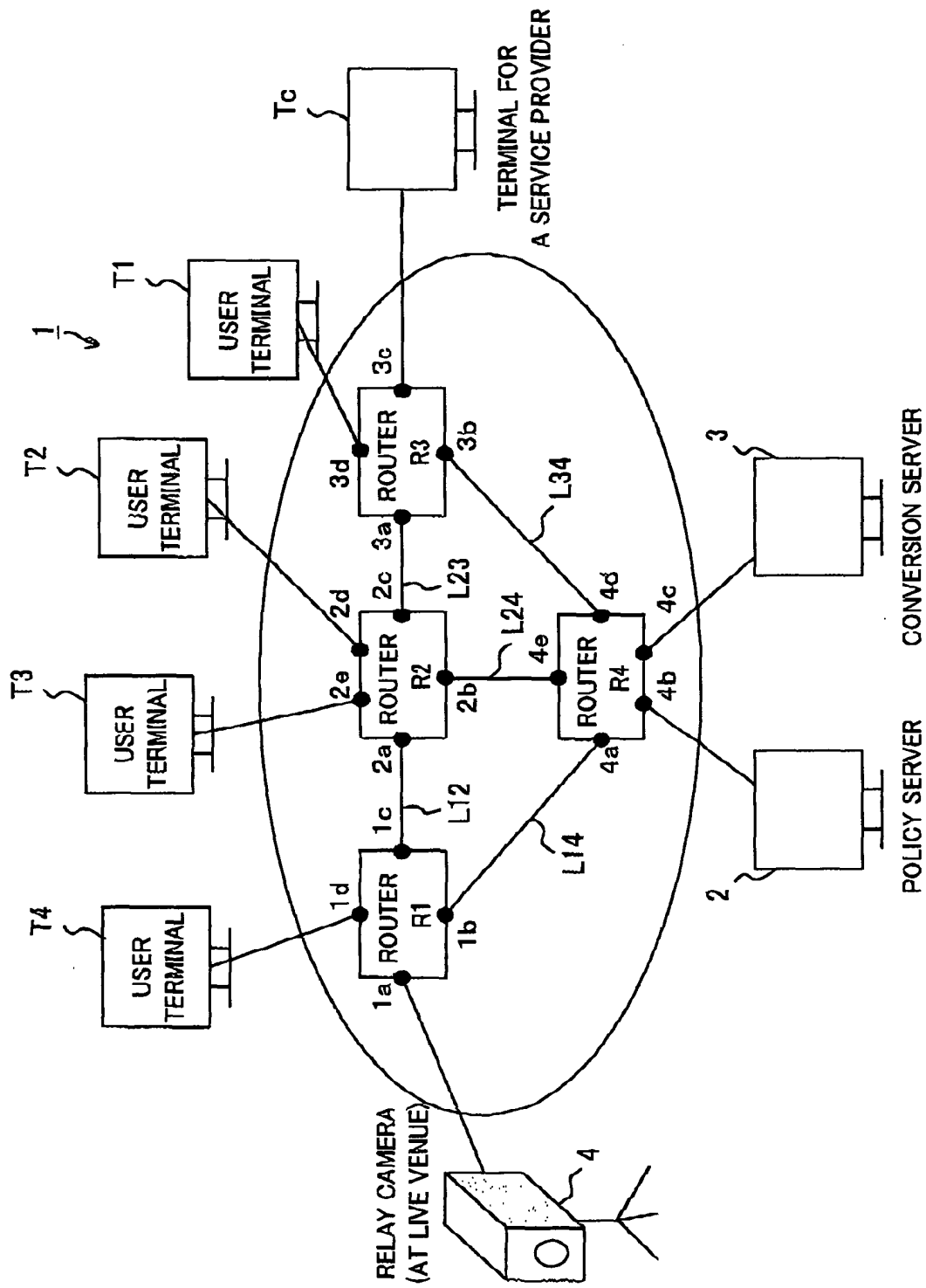


FIG. 2

PATH INFO. RETAINED IN A POLICY SERVER

PATH NO.	PATH DATA	MAXIMUM BANDWIDTH	AVAILABLE BANDWIDTH
1	1a-1c-2a-2c-3a-3d	1 Gbps	1 Gbps
2	1a-1b-4a-4d-3b-3d	100Mbps	100Mbps
3	1a-1c-2a-2b-4e-4d-3b-3d	1 Gbps	1 Gbps
4	1a-1b-4a-4e-2b-2c-3a-3d	100Mbps	100Mbps
5	1a-1c-2a-2d	1 Gbps	1 Gbps
.	.	.	.
.	.	.	.
.	.	.	.

FIG. 3

CONFIGURATION OF CONVERSION SERVER

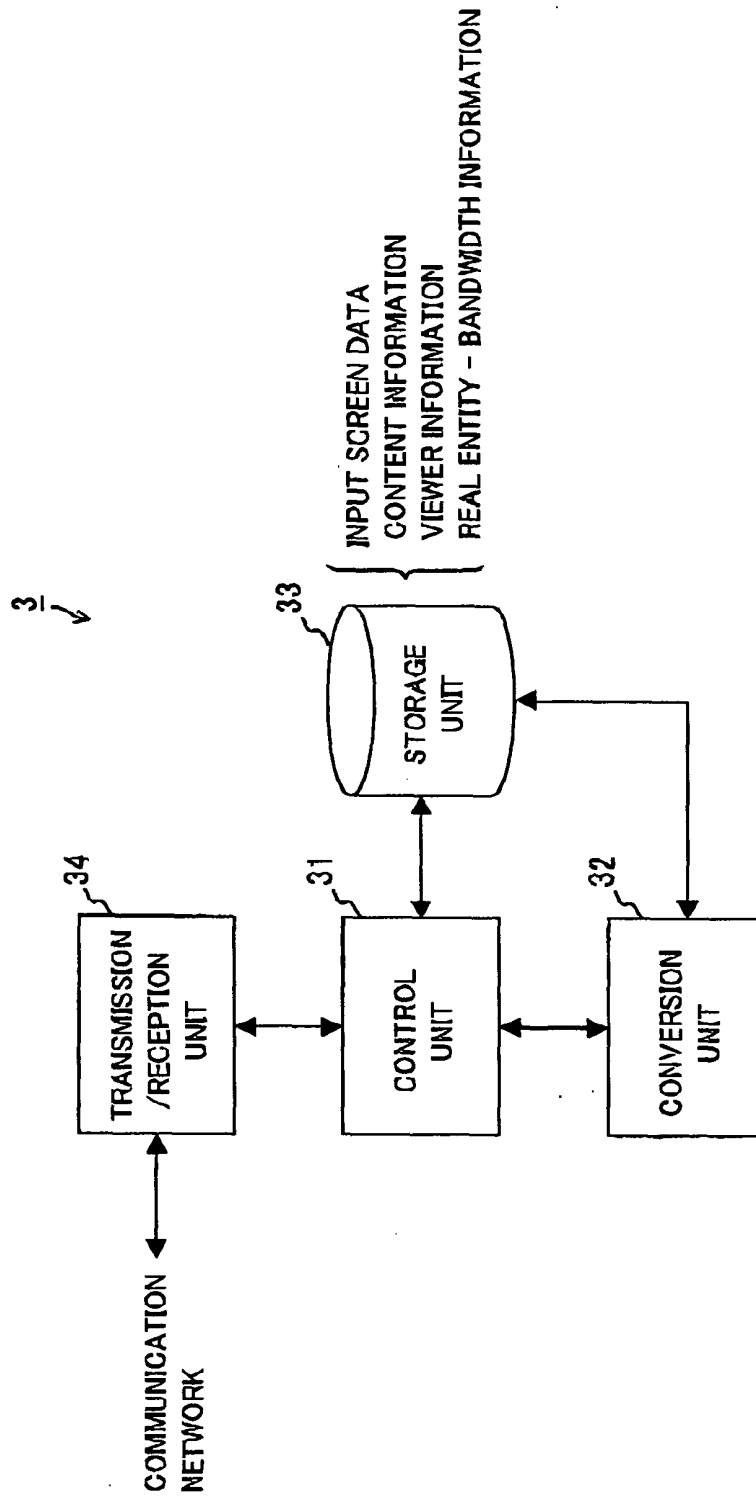


FIG. 4

**SERVICE REGISTRATION SCREEN
(SERVICE SELECTION)**

P1

WWW BROWSER	x
SERVICE SELECTION SELECT THE NETWORK SERVICE YOU WANT TO RECEIVE.	Δ
<input checked="" type="radio"/> LIVE BROADCAST SERVICE	
<input type="radio"/> VOD SERVICE	
: : : : :	
EXECUTE	CANCEL
	▽

FIG. 5 **SERVICE REGISTRATION SCREEN**
(SERVICE CONTENT INPUT) P2

WWW BROWSER					x																																				
					△																																				
<p>CONTENT ACCEPTANCE NOTIFY THE INFORMATION RELATED TO THE CONTENT YOU OFFER TO CUSTOMERS.</p>																																									
1. CONTENT NAME:	<input style="width: 150px;" type="text" value="AA CONCERT"/>																																								
2. CONTENT OUTLINE:	<input style="width: 150px;" type="text" value="POPULAR IDOL SINGER"/>				<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto; line-height: 20px;">△</div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto; line-height: 20px;">▽</div>																																				
<p>3. DESIRED NUMBER OF VIEWERS FOR ACCOMMODATION:</p>																																									
ACCOMMODATING <input style="width: 50px;" type="text" value="2,000"/> PERSONS																																									
<p>4. START DATE/TIME:</p>																																									
<div style="display: flex; justify-content: space-around; align-items: center;"> <div>DAY <input style="width: 30px;" type="text" value="11"/> ▾</div> <div>MONTH <input style="width: 30px;" type="text" value="11"/> ▾</div> <div>YEAR <input style="width: 50px;" type="text" value="2001"/> ▾</div> </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 5px;"> <div style="border: 1px solid black; width: 30px; height: 20px; display: flex; align-items: center; justify-content: center;">22 ▾</div> <div style="margin: 0 10px;">:</div> <div style="border: 1px solid black; width: 30px; height: 20px; display: flex; align-items: center; justify-content: center;">00 ▾</div> </div>																																									
<p>5. PERFORMANCE TIME:</p>																																									
<div style="display: flex; justify-content: center; align-items: center;"> <div style="border: 1px solid black; width: 30px; height: 20px; display: flex; align-items: center; justify-content: center;">02 ▾</div> <div style="margin: 0 10px;">HOURS</div> <div style="border: 1px solid black; width: 30px; height: 20px; display: flex; align-items: center; justify-content: center;">00 ▾</div> <div style="margin: 0 10px;">MINUTES</div> </div>																																									
<p>6. QUALITY SEPARATION: DESCRIPTION IN UPPER ROW IS REGARDED AS HAVING HIGHER QUALITY.</p>																																									
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 20%;">QUALITY</th> <th style="width: 10%;">CHARGE</th> <th style="width: 20%;">ASSIGNED NUMBER OF SEATS</th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input type="radio"/></td> <td><input style="width: 60px;" type="text" value="SEAT S"/></td> <td>YEN <input style="width: 60px;" type="text" value="1,000"/></td> <td><input style="width: 60px;" type="text" value="100"/> ▾</td> <td>SEATS</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td><input style="width: 60px;" type="text" value="SEAT A"/></td> <td>YEN <input style="width: 60px;" type="text" value="500"/></td> <td><input style="width: 60px;" type="text" value="500"/> ▾</td> <td>SEATS</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td><input style="width: 60px;" type="text" value="SEAT S"/></td> <td>YEN <input style="width: 60px;" type="text" value="100"/></td> <td><input style="width: 60px;" type="text" value="1,400"/> ▾</td> <td>SEATS</td> <td></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td><input style="width: 60px;" type="text"/></td> <td>YEN <input style="width: 60px;" type="text"/></td> <td><input style="width: 60px;" type="text"/> ▾</td> <td>SEATS</td> <td></td> </tr> <tr> <td colspan="6" style="text-align: center; padding-top: 10px;">: : : : :</td> </tr> </tbody> </table>							QUALITY	CHARGE	ASSIGNED NUMBER OF SEATS			<input type="radio"/>	<input style="width: 60px;" type="text" value="SEAT S"/>	YEN <input style="width: 60px;" type="text" value="1,000"/>	<input style="width: 60px;" type="text" value="100"/> ▾	SEATS		<input type="radio"/>	<input style="width: 60px;" type="text" value="SEAT A"/>	YEN <input style="width: 60px;" type="text" value="500"/>	<input style="width: 60px;" type="text" value="500"/> ▾	SEATS		<input type="radio"/>	<input style="width: 60px;" type="text" value="SEAT S"/>	YEN <input style="width: 60px;" type="text" value="100"/>	<input style="width: 60px;" type="text" value="1,400"/> ▾	SEATS		<input type="checkbox"/>	<input style="width: 60px;" type="text"/>	YEN <input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/> ▾	SEATS		: : : : :					
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<input type="radio"/>	<input style="width: 60px;" type="text" value="SEAT A"/>	YEN <input style="width: 60px;" type="text" value="500"/>	<input style="width: 60px;" type="text" value="500"/> ▾	SEATS																																					
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: : : : :																																									
<p>X. CUSTOMER INFORMATION</p>																																									
COMPANY NAME <input style="width: 150px;" type="text"/>																																									
: : : : :																																									
<div style="display: flex; justify-content: space-around; width: 100%;"> <div style="border: 1px solid black; padding: 5px 20px;">EXECUTE</div> <div style="border: 1px solid black; padding: 5px 20px;">CANCEL</div> </div>																																									
					▽																																				

FIG. 6

SERVICE REGISTRATION SCREEN
(SERVICE REGISTRATION COMPLETION)

P3

WWW BROWSER		x
REGISTRATION COMPLETION OF CONTENT INFORMATION THE FOLLOWING INFORMATION IS SUBMITTED FOR THE INPUT CONTENT. PLEASE NOTE THE PASSWORD INDICATED BELOW FOR USE WHEN MODIFICATION IS NECESSARY.		△
<u>PASSWORD: TRHUJKSOP-8hI9038</u>		
— DETAILS OF THE REGISTERED INFORMATION —		
1. CONTENT NAME: AA CONCERT		
2. CONTENT OUTLINE: POPULAR IDOL SINGER : : : : :		
3. DESIRED NUMBER OF VIEWERS FOR ACCOMMODATION: ACCOMMODATING 2,000 PERSONS		
4. START DATE/TIME: NOVEMBER 11 , 2001 22:00		
5. PERFORMANCE TIME: 2 HOURS		
6. PROVIDED QUALITY : THE SERVICE IS PROVIDED AT THREE QUALITY LEVELS INDICATED BELOW.		
SEAT S 1,000 YEN 100 SEATS		
SEAT A 500 YEN 500 SEATS		
SEAT B 100 YEN 1,400 SEATS		
: : : : :		
		▽

FIG. 7

CONTENT INFORMATION

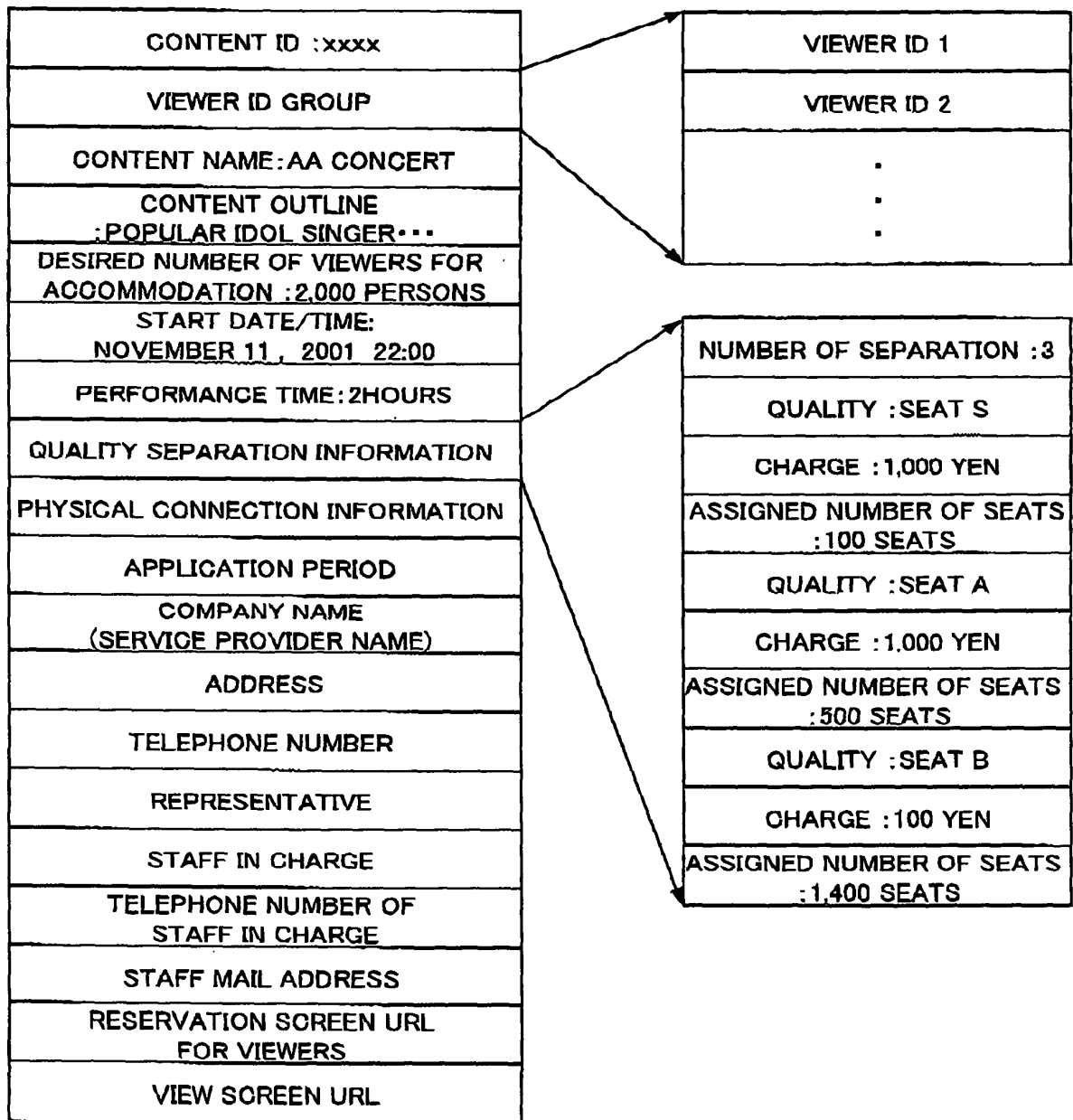


FIG. 8

**SERVICE CONTENT MODIFICATION SCREEN
(SERVICE CONTENT MODIFICATION ACCEPTANCE)**

WWW BROWSER		×
CONTENT INFORMATION MODIFICATION ACCEPTANCE MODIFICATION OF THE REGISTERED CONTENT INFORMATION IS ACCEPTED.		△
SELECT THE SERVICE MODIFIED		
SERVICE NAME:	AA CONCERT	▽
PASSWORD:	*****	
EXECUTE		
CANCEL		▽

FIG. 9 SERVICE CONTENT MODIFICATION SCREEN
(SERVICE CONTENT MODIFICATION INPUT)

WWW BROWSER		x																																				
		△																																				
<p>CONTENT INFO. MODIFICATION INPUT MODIFIED INFORMATION.</p>																																						
<p>1. CONTENT NAME: AA CONCERT</p>																																						
<p>2. CONTENT OUTLINE: POPULAR IDOL SINGER △ <div style="display: flex; justify-content: space-around; width: 100%;"> : : : : : </div> ▽</p>																																						
<p>3. DESIRED NUMBER OF VIEWERS FOR ACCOMMODATION: ACCOMMODATING 2,000 PERSONS</p>																																						
<p>4. START DATE/TIME:</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> DAY 11 ▽ </div> <div style="text-align: center;"> MONTH 11 ▽ </div> <div style="text-align: center;"> YEAR 2001 ▽ </div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 5px;"> <div style="text-align: center;"> 22 ▽ </div> <div style="text-align: center;">:</div> <div style="text-align: center;"> 00 ▽ </div> </div>																																						
<p>5. PERFORMANCE TIME:</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> 02 ▽ </div> <div style="text-align: center;">HOURS</div> <div style="text-align: center;"> 00 ▽ </div> <div style="text-align: center;">MINUTES</div> </div>																																						
<p>6. QUALITY SEPARATION: DESCRIPTION IN UPPER ROW IS REGARDED AS HAVING HIGHER QUALITY.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;"></th> <th style="width: 25%;">QUALITY</th> <th style="width: 5%;"></th> <th style="width: 15%;">CHARGE</th> <th style="width: 15%;">ASSIGNED NUMBER OF SEATS</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input type="radio"/></td> <td style="border: 1px solid black; padding: 2px 10px;">SEAT S</td> <td style="text-align: center;">YEN</td> <td style="border: 1px solid black; padding: 2px 10px;">1,000</td> <td style="border: 1px solid black; padding: 2px 10px;">400</td> <td style="border: 1px solid black; padding: 2px 10px;">▽ SEATS</td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td style="border: 1px solid black; padding: 2px 10px;">SEAT A</td> <td style="text-align: center;">YEN</td> <td style="border: 1px solid black; padding: 2px 10px;">500</td> <td style="border: 1px solid black; padding: 2px 10px;">500</td> <td style="border: 1px solid black; padding: 2px 10px;">▽ SEATS</td> </tr> <tr> <td style="text-align: center;"><input type="radio"/></td> <td style="border: 1px solid black; padding: 2px 10px;">SEAT S</td> <td style="text-align: center;">YEN</td> <td style="border: 1px solid black; padding: 2px 10px;">100</td> <td style="border: 1px solid black; padding: 2px 10px;">500</td> <td style="border: 1px solid black; padding: 2px 10px;">▽ SEATS</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="border: 1px solid black; padding: 2px 10px;"></td> <td style="text-align: center;">YEN</td> <td style="border: 1px solid black; padding: 2px 10px;"></td> <td style="border: 1px solid black; padding: 2px 10px;"></td> <td style="border: 1px solid black; padding: 2px 10px;">▽ SEATS</td> </tr> <tr> <td></td> <td style="text-align: center;">:</td> <td style="text-align: center;">:</td> <td style="text-align: center;">:</td> <td style="text-align: center;">:</td> <td style="text-align: center;">:</td> </tr> </tbody> </table>				QUALITY		CHARGE	ASSIGNED NUMBER OF SEATS		<input type="radio"/>	SEAT S	YEN	1,000	400	▽ SEATS	<input type="radio"/>	SEAT A	YEN	500	500	▽ SEATS	<input type="radio"/>	SEAT S	YEN	100	500	▽ SEATS	<input type="checkbox"/>		YEN			▽ SEATS		:	:	:	:	:
	QUALITY		CHARGE	ASSIGNED NUMBER OF SEATS																																		
<input type="radio"/>	SEAT S	YEN	1,000	400	▽ SEATS																																	
<input type="radio"/>	SEAT A	YEN	500	500	▽ SEATS																																	
<input type="radio"/>	SEAT S	YEN	100	500	▽ SEATS																																	
<input type="checkbox"/>		YEN			▽ SEATS																																	
	:	:	:	:	:																																	
<p>X. CUSTOMER INFORMATION</p> <p>COMPANY NAME </p> <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 10px;"> MODIFY CANCEL </div>																																						

▽

FIG. 10

**SERVICE CONTENT MODIFICATION SCREEN
(SERVICE CONTENT MODIFICATION INPUT)**

WWW BROWSER	X
SERVICE CONTENT MODIFICATION COMPLETION THE FOLLOWING INFORMATION IS SUBMITTED FOR THE INPUT CONTENT. PLEASE NOTE THE PASSWORD INDICATED BELOW FOR USE WHEN MODIFICATION IS NECESSARY. <u>PASSWORD: TRHUJKSOP-8hI9038</u> — DETAILS OF THE REGISTERED INFORMATION — 1. CONTENT NAME: AA CONCERT 2. CONTENT OUTLINE: POPULAR IDOL SINGER : : : : : 3. DESIRED NUMBER OF VIEWERS FOR ACCOMMODATION: ACCOMMODATING 2,000 PERSONS 4. START DATE/TIME: NOVEMBER 11 , 2001 22:00 5. PERFORMANCE TIME: 2 HOURS 6. PROVIDE QUALITY : THE SERVICE IS PROVIDED AT THREE QUALITY LEVELS INDICATED BELOW. SEAT S 1,000 YEN 400 SEATS SEAT A 500 YEN 500 SEATS SEAT B 100 YEN 500 SEATS : : : : : V	Δ

FIG. 11

LIVE BROADCAST LIST SCREEN

Q1

WWW BROWSER

WELCOME TO LIVE BROADCAST CONTENT SERVICE.
SELECT AND ENJOY THE LIVE BROADCAST YOU WANT.

1. AA CONCERT

START DATE/TIME:
NOVEMBER 11 , 2001 22:00~

PERFORMANCE TIME: 2 HOURS

OUTLINE: POPULAR IDOL SINGER...

STATUS (UNOCCUPIED)
S : 20 UNOCCUPIED SEATS
A : 10 UNOCCUPIED SEATS
B : 5 UNOCCUPIED SEATS

2. BB CONCERT

START DATE/TIME:
DECEMBER 1 , 2001 22:00~

FIG. 12

**LIVE BROADCAST RESERVATION SCREEN
(LIVE BROADCAST RESERVATION ACCEPTANCE)**

Q2

WWW BROWSER

x

Δ

▽

RESERVATION ACCEPTANCE

RESERVE THE LIVE BROADCAST

AA CONCERT

START DATE/TIME:
NOVEMBER 11 , 2001 22:00~

PERFORMANCE TIME: 2 HOURS

OUTLINE: POPULAR IDOL SINGER...
: : :

SELECT THE QUALITY OF VIEW.

☒ SEAT S : 1,000 YEN

☐ SEAT A : 500 YEN

☐ SEAT B : 100 YEN

RESERVATION EXECUTE

CANCEL

FIG. 13

**LIVE BROADCAST RESERVATION SCREEN
(LIVE BROADCAST RESERVATION COMPLETION)**

WWW BROWSER	×
RESERVATION ACCEPTANCE COMPLETION	△
<div>THANK YOU FOR THE RESERVATION. THE RESERVATION HAS BEEN ACCEPTED COMPLETELY. CHECK THE FOLLOWING CONTENTS. AND MEMORIZE THE TICKET PURCHASE NUMBER AND THE PASSWORD INDICATED BELOW.</div>	
AA CONCERT	
<div>START DATE/TIME: NOVEMBER 11 , 2001 22:00— PERFORMANCE TIME: 2 HOURS OUTLINE: POPULAR IDOL SINGER.... : : :</div>	
VIEWING QUALITY : SEAT S (1,000 YEN) TICKET PURCHASE NUMBER : XASSBKOP0204 PASSWORD : ABBDF0990	
<div>JUMP TO VIEW SCREEN</div>	<div>DISPLAY LIST</div>
	▽

FIG. 14

VIEWER INFORMATION

CONTENT ID :xxxx
VIEWER ID
PASSWORD
PHYSICAL CONNECTION INFORMATION
IP ADDRESS
REQUESTED SEAT: SEAT S
TICKET PURCHASE NUMBER
PASSWORD PROPER TO TICKET PURCHASE NUMBER

FIG. 15

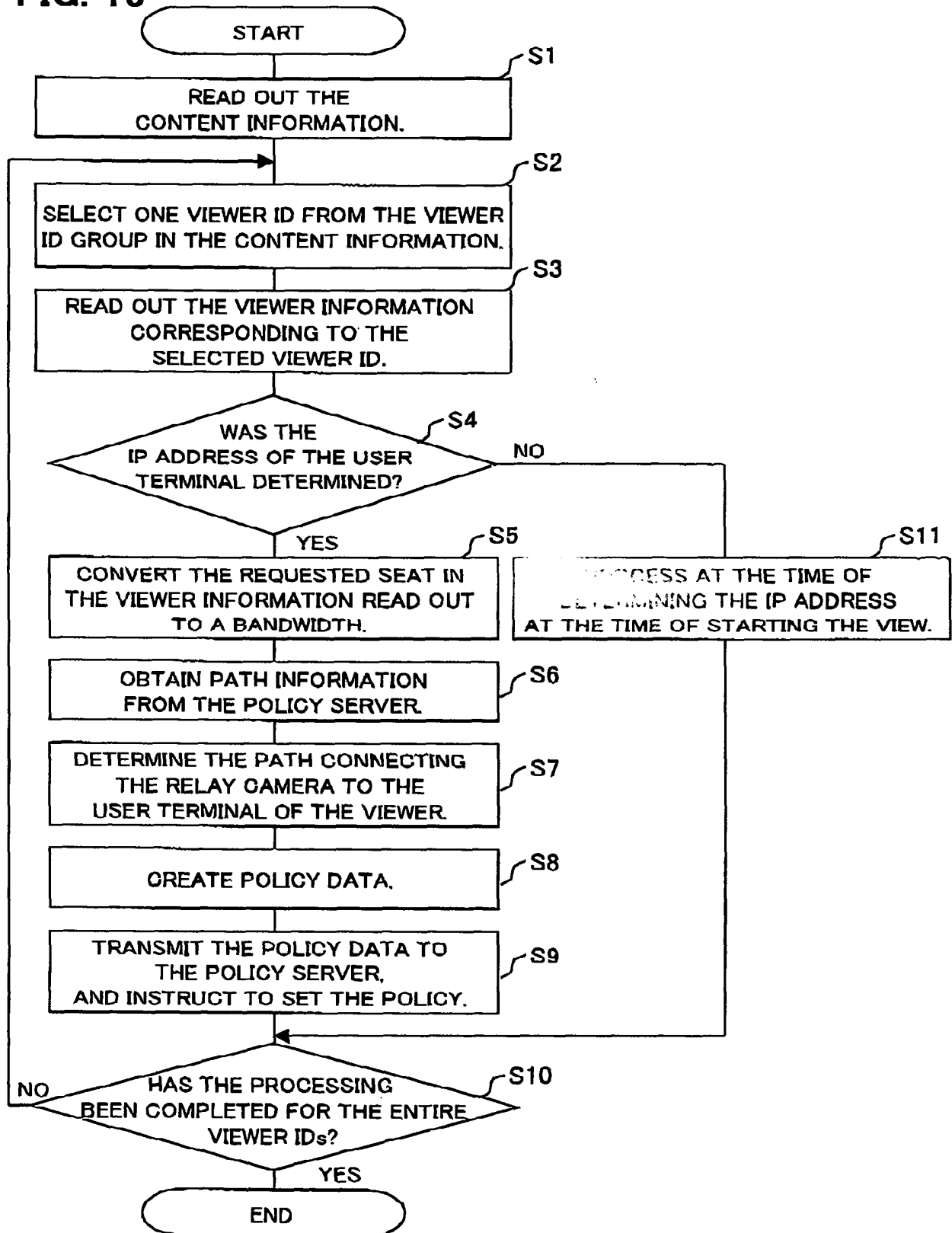


FIG. 16

ENTITY — BANDWIDTH INFO.

SEAT	BANDWIDTH
SEAT S	6Mbps
SEAT A	1Mbps
SEAT B	BEST EFFORT

FIG. 17

POLICY DATA

DESTINATION ADDRESS OF THE USER TERMINAL T1
BANDWIDTH: 6Mbps
ADDRESS OF THE ROUTER R1 : 192.168.1.1
ADDRESS OF THE PORT 1a : 192.168.1.2
ADDRESS OF THE PORT 1c : 192.168.1.3
ADDRESS OF THE ROUTER R2 : 192.168.2.1
ADDRESS OF THE PORT 2a : 192.168.2.2
ADDRESS OF THE PORT 2c : 192.168.2.3
ADDRESS OF THE ROUTER R3 : 192.168.3.1
ADDRESS OF THE PORT 3a : 192.168.3.2
ADDRESS OF THE PORT 3d : 192.168.3.3

FIG. 18

**VIEW SCREEN
(LIVE BROADCAST VIEW ACCEPTANCE)**

WWW BROWSER		×
		△
VIEW ACCEPTANCE INPUT TICKET PURCHASE NUMBER AND PASSWORD.		
TICKET PURCHASE NUMBER:		
<div>*****</div>		
PASSWORD:		
<div>*****</div>		

AA CONCERT		
<div>START DATE/TIME: NOVEMBER 11 , 2001 22:00~ PERFORMANCE TIME: 2 HOURS OUTLINE: POPULAR IDOL SINGER.... : : :</div>		
<div>VIEW EXECUTE</div>		<div>CANCEL</div>
		▽

FIG. 19

**VIEW SCREEN
(LIVE BROADCAST VIEW ACCEPTANCE COMPLETION)**

WWW BROWSER	✕
VIEW ACCEPTANCE COMPLETION	
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>THANK YOU FOR THE RESERVATION. THE RESERVATION HAS BEEN ACCEPTED COMPLETELY. CHECK THE FOLLOWING CONTENTS, AND MEMORIZE THE TICKET PURCHASE NUMBER AND THE PASSWORD INDICATED BELOW.</p> </div>	
AA CONCERT	
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>START DATE/TIME: NOVEMBER 11 , 2001 22:00~</p> <p>PERFORMANCE TIME: 2 HOURS</p> <p>OUTLINE: POPULAR IDOL SINGER....</p> <p style="text-align: center;">: : :</p> </div>	
<p>VIEWING QUALITY : SEAT S (1,000 YEN)</p> <p>TICKET PURCHASE NUMBER : XASSBKOP0204</p>	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">VIEW EXECUTE</div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;">CANCEL</div>